

# Omid Mashinchian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2411627/publications.pdf>

Version: 2024-02-01

21  
papers

1,113  
citations

623574

14  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional Control of Intestinal Stem Cells in Homeostasis and Tumorigenesis. Trends in Endocrinology and Metabolism, 2021, 32, 20-35.	3.1	24
2	Neural priming of adipose-derived stem cells by cell-imprinted substrates*. Biofabrication, 2021, 13, 035009.	3.7	12
3	Aging Disrupts Muscle Stem Cell Function by Impairing Matricellular WISP1 Secretion from Fibro-Adipogenic Progenitors. Cell Stem Cell, 2019, 24, 433-446.e7.	5.2	191
4	The Muscle Stem Cell Niche in Health and Disease. Current Topics in Developmental Biology, 2018, 126, 23-65.	1.0	76
5	Engineering natural heart valves: possibilities and challenges. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1675-1683.	1.3	20
6	Development of a Virtual Cell Model to Predict Cell Response to Substrate Topography. ACS Nano, 2017, 11, 9084-9092.	7.3	33
7	Nanoelectromechanical Chip (NELMEC) Combination of Nanoelectronics and Microfluidics to Diagnose Epithelial and Mesenchymal Circulating Tumor Cells from Leukocytes. Small, 2016, 12, 883-891.	5.2	39
8	Cancer Diagnosis: Nanoelectromechanical Chip (NELMEC) Combination of Nanoelectronics and Microfluidics to Diagnose Epithelial and Mesenchymal Circulating Tumor Cells from Leukocytes (Small 7/2016). Small, 2016, 12, 882-882.	5.2	1
9	Cell-Imprinted Substrates Modulate Differentiation, Redifferentiation, and Transdifferentiation. ACS Applied Materials & Interfaces, 2016, 8, 13777-13784.	4.0	52
10	Osmolarity: A hidden factor in Nanotoxicology. DARU, Journal of Pharmaceutical Sciences, 2016, 24, 9.	0.9	2
11	Harnessing the Cancer Radiation Therapy by Lanthanide-Doped Zinc Oxide Based Theranostic Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 3123-3134.	4.0	65
12	Personalized disease-specific protein corona influences the therapeutic impact of graphene oxide. Nanoscale, 2015, 7, 8978-8994.	2.8	199
13	Regulation of stem cell fate by nanomaterial substrates. Nanomedicine, 2015, 10, 829-847.	1.7	65
14	Possibilities in Germ Cell Research: An Engineering Insight. Trends in Biotechnology, 2015, 33, 735-746.	4.9	7
15	A single-cell correlative nanoelectromechanosensing approach to detect cancerous transformation: monitoring the function of F-actin microfilaments in the modulation of the ion channel activity. Nanoscale, 2015, 7, 1879-1887.	2.8	13
16	Impacts of quantum dots in molecular detection and bioimaging of cancer. BiolImpacts, 2014, 4, 149-166.	0.7	95
17	Cell-Imprinted Substrates Act as an Artificial Niche for Skin Regeneration. ACS Applied Materials & Interfaces, 2014, 6, 13280-13292.	4.0	70
18	Superparamagnetic Nanoparticles Direct Differentiation of Embryonic Stem Cells Into Skeletal Muscle Cells. Journal of Biomaterials and Tissue Engineering, 2014, 4, 579-585.	0.0	14

#	ARTICLE	IF	CITATIONS
19	Electrochemical impedance spectroscopic sensing of methamphetamine by a specific aptamer. <i>BioImpacts</i> , 2012, 2, 91-5.	0.7	29
20	Optical and electrochemical DNA nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 459-472.	5.8	88
21	Characterization of <i>Streptomyces</i> Isolates with UV, FTIR Spectroscopy and HPLC Analyses. <i>BioImpacts</i> , 2011, 1, 47-52.	0.7	15